

# Weekly Disease Surveillance Report



## 2021 Reporting Week 35 : August 29 — September 4

This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

### Okaloosa COVID-19 Status

Okaloosa County experienced a decrease in the number of cases and positivity rate reported for Week 35! Although this is a welcomed trend, case positivity is still elevated at 28.2% and our community risk level remains HIGH. As of September 7, local hospitals reported that they were 90.6% full. Of all ICU hospital beds in Okaloosa, 56.4% were occupied by COVID-19 patients. The unvaccinated population continues to be the most heavily impacted. **Over 82% of persons hospitalized with COVID-19 are unvaccinated.**

The vaccine is highly effective at preventing severe disease and death. Just under 2,000 Okaloosa residents initiated COVID-19 vaccination in Week 35, bringing our county's total of fully-vaccinated to 93,288. That means that over 52% of Okaloosa residents aged 12 and older are fully-vaccinated!

**Get VACCINATED today! It is SAFE. It WORKS!**

As a reminder, the FDA and CDC authorized a **third dose of the mRNA vaccine** for moderately and severely immunosuppressed people who completed either the Moderna or Pfizer vaccine series. The third dose must be from the same manufacturer. Persons who have other chronic medical conditions should consult their physician about obtaining a third dose. An additional dose is not authorized for the J&J vaccine.

Currently, Okaloosa is one of the counties in Florida hosting a **FREE Monoclonal Antibody Treatment site**. Monoclonal Antibody Treatments are authorized by the U.S. Food and Drug Administration (FDA) under an Emergency Use Authorization (EUA) for use in adult and pediatric patients (12 and older) who have either been diagnosed or exposed to someone with COVID-19 and are at high risk for progression to severe illness, hospitalization, or death from COVID-19.

### Contact Us:

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## COVID-19 Snapshot

Week 35 Review		Difference from Wk34
Resident Case Count	1699	- 230
Resident Case Count per 100K Population	823.1	- 111.4
Average Resident Cases per Day	242.7	- 32.9
Percent Positivity	28.2%	- 2.6
Deaths	23	+10
Cumulative Cases March 2020 - Feb 2021	18900	
Cumulative Cases March 2021 - Present	12301	
Cumulative Deaths March 2020 - Feb 2021	327	
Cumulative Deaths March 2021 - Present	115	

Data Source: Merlin Database

Week 35 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
<b>HIGH</b>	<b>823.1</b>	<b>28.2%</b>
<b>PREVIOUS WEEK RISK LEVEL: HIGH</b>		
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC Community Indicators at the County Level



COVID-19 Fully  
Vaccinated =  
No Quarantine

# COVID-19 in Okaloosa County

Week 35: August 29 - September 4

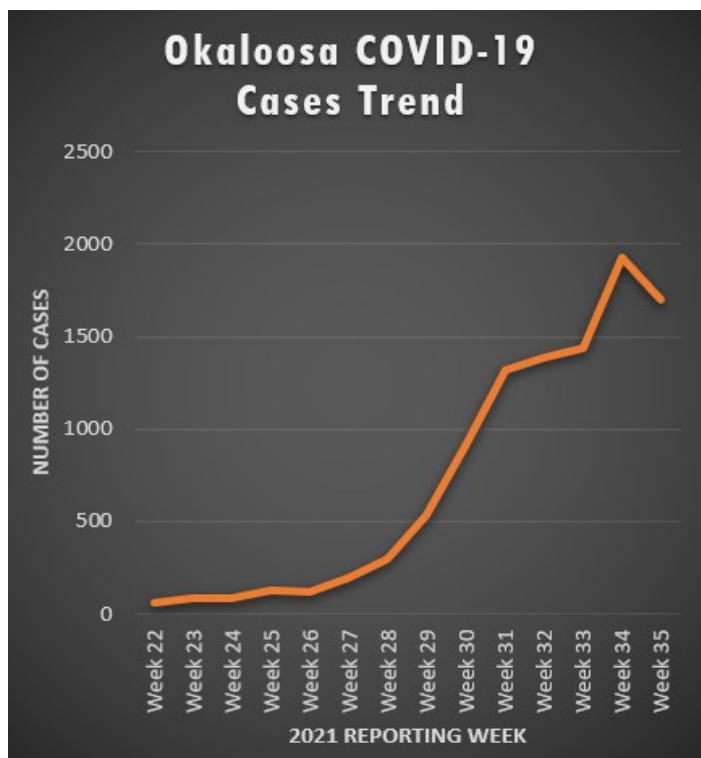


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

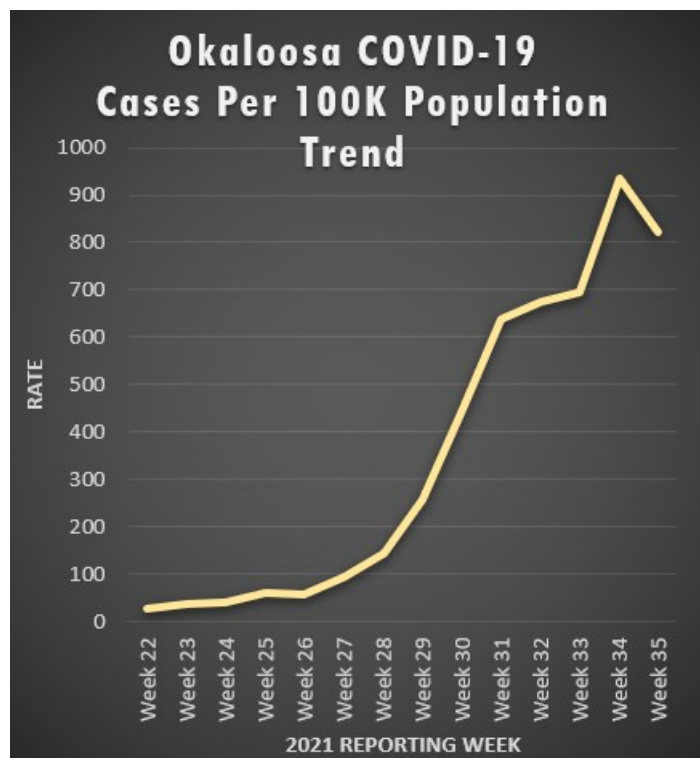


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

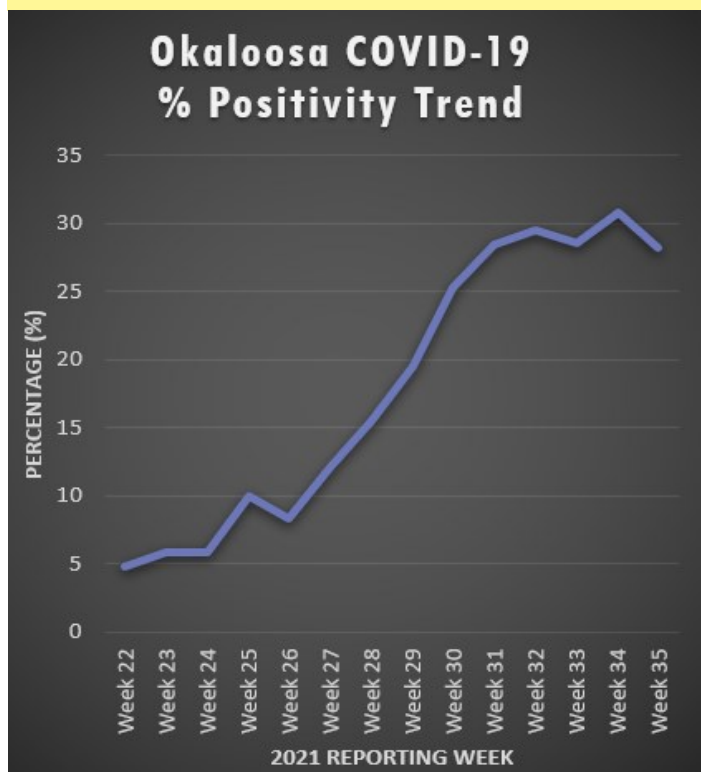


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

## COVID-19 Cases by Age Group

Age Group	Okaloosa Resident Cases since 03/01/21 through Week 35	% by Age Group	Difference from Week 34
0-11	1465	12.1%	+368
12-14	562	4.6%	+131
15-24	1933	15.9%	+209
25-44	4203	34.6%	+496
45-64	2770	22.8%	+334
65-74	730	6.0%	+87
75-84	302	2.5%	+49
85+	165	1.4%	+23
Unknown	3	0.0%	2
<b>Total</b>	<b>12133</b>	<b>100%</b>	<b>1699</b>

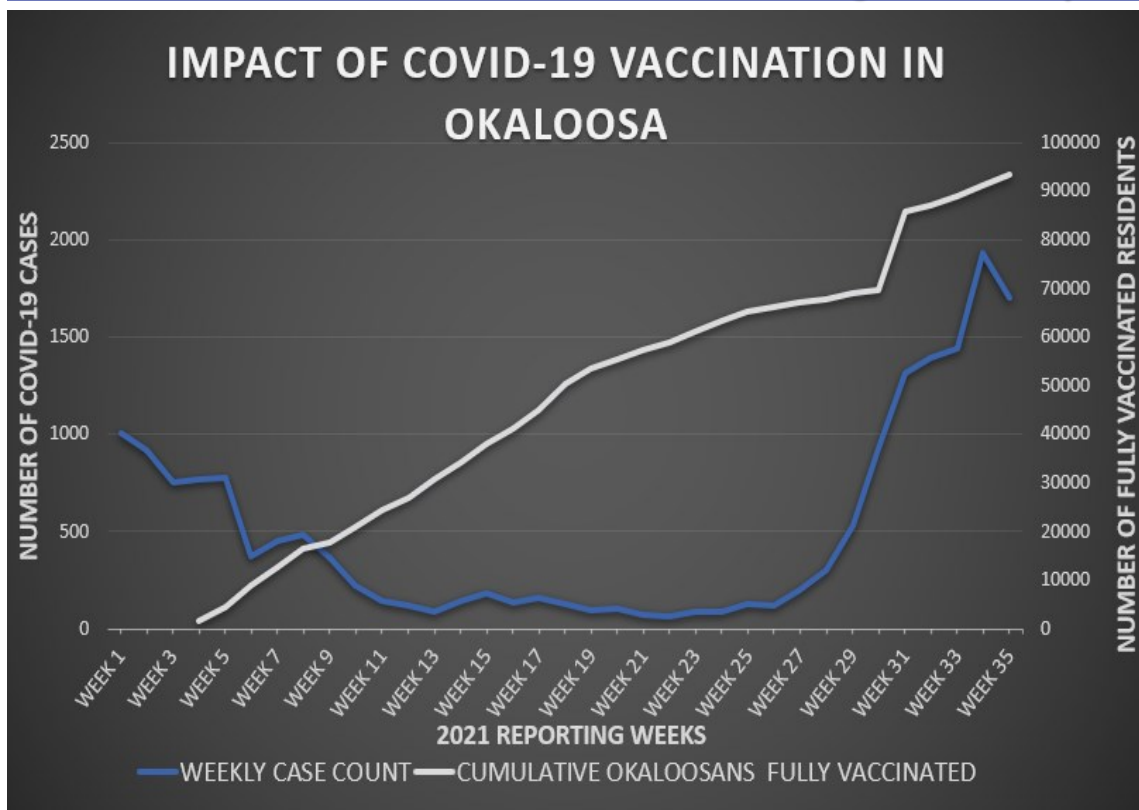
Data Source: Merlin Database



COVID-19 Fully  
Vaccinated =  
No Quarantine

# COVID-19 in Okaloosa County

Week 35: August 29 - September 4



**Figure 4:**

Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday. Data Source: Merlin

**PERCENT OF  
BREAKTHROUGH  
INFECTION  
IN FULLY-VACCINATED  
INDIVIDUALS:**

**0.96%**

**PERCENT OF DEATHS  
IN FULLY-VACCINATED  
INDIVIDUALS:**

**0.015%**

## Vaccination Impact in Okaloosa

### UPDATED VACCINATION DATA RESOURCE

DOH-Okaloosa has identified that the CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from entities not reporting into FL SHOTS.

Currently FL SHOTS only represents vaccinations given by providers receiving vaccine from the FL Department of Health, retail pharmacies, or long-term care facilities.

The CDC also includes vaccinations provided at:

- Dialysis centers participating in the Federal Dialysis Center Program
- Health Resources and Services Administration partner sites
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

This will be the data source used by DOH-Okaloosa starting with Week 31 of the Weekly Disease Surveillance Report. This provides a more accurate comparison of Okaloosa to the US population.

COVID-19 Vaccinations		
FULLY-VACCINATED GROUPS	OKALOOSA	US
% of Population $\geq$ 12 Years of Age	52.2%	62.0%
% of Population $\geq$ 18 Years of Age	54.7%	64.0%
% of Population $\geq$ 65 Years of Age	85.4%	82.1%

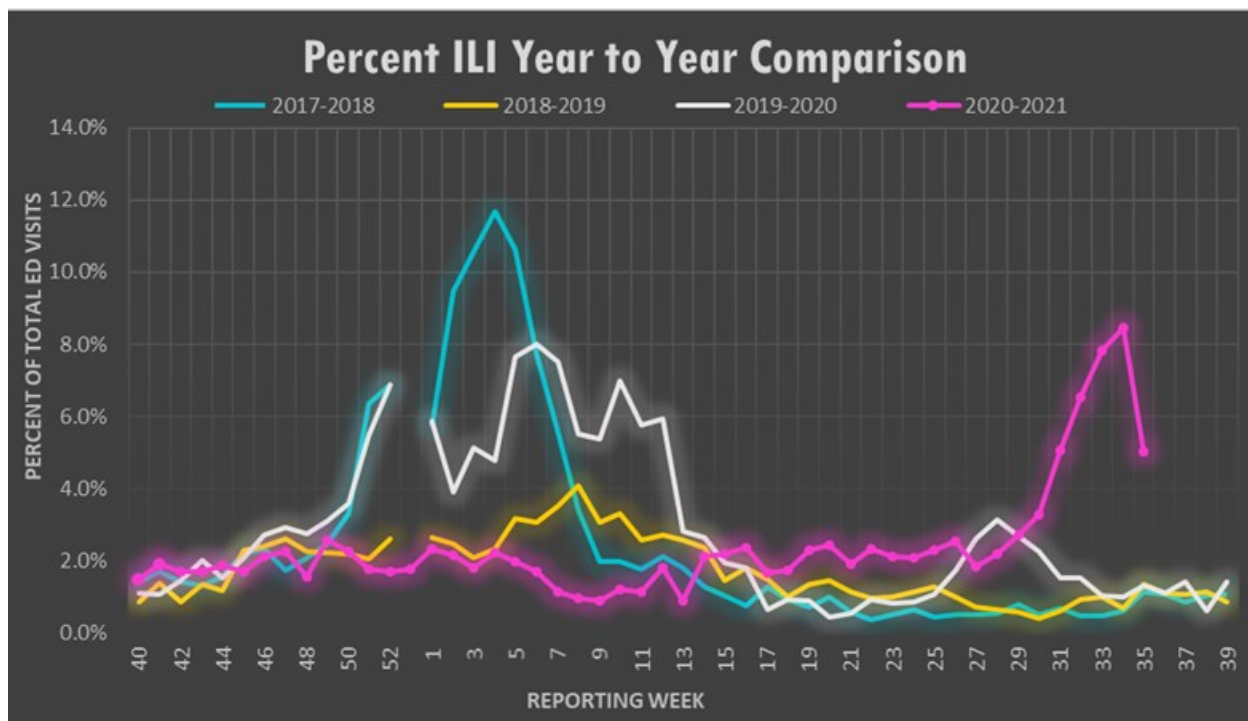
Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



# Influenza-Like Illness

Week 35: August 29 - September 4

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.



**Figure 5:**

Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa County for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week.

Data source: ESSENCE

**ANALYSIS:** During Week 35, flu reporting partners and ESSENCE (a syndromic surveillance system) reported an decrease in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County decreased from 8.44% during Week 34 to 5.01% during Week 35. Flu partners reported no positive rapid influenza tests this week. Over the past three weeks, four out of 113 influenza specimens submitted to the state lab were positive (2 Influenza B unspecified, 1 Influenza A/B unspecified, 1 Influenza A unspecified). There were no reported ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 35 is higher than that of Week 35 last year.

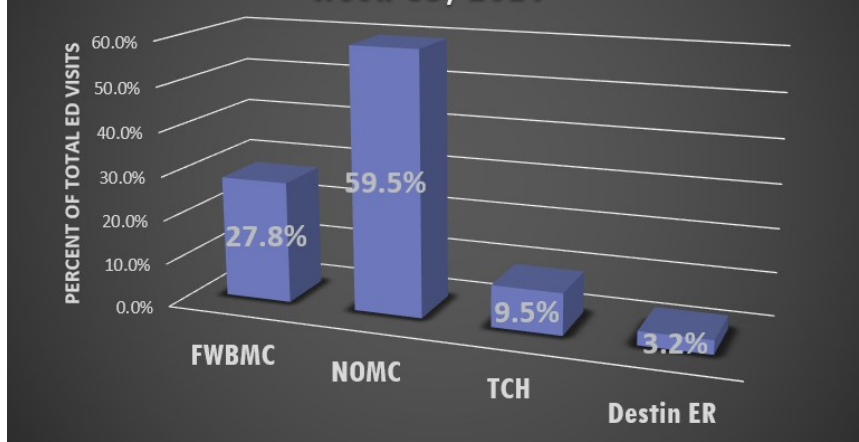
*Note:* Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

## % ILI by Age Group Week 35, 2021

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	17	189	8.99%
5-19	26	305	8.52%
20-34	25	542	4.61%
35-54	35	689	5.08%
55-74	19	535	3.55%
75+	4	251	1.59%

Data Source: ESSENCE

## % of Total ILI Visits by Facility Week 35, 2021



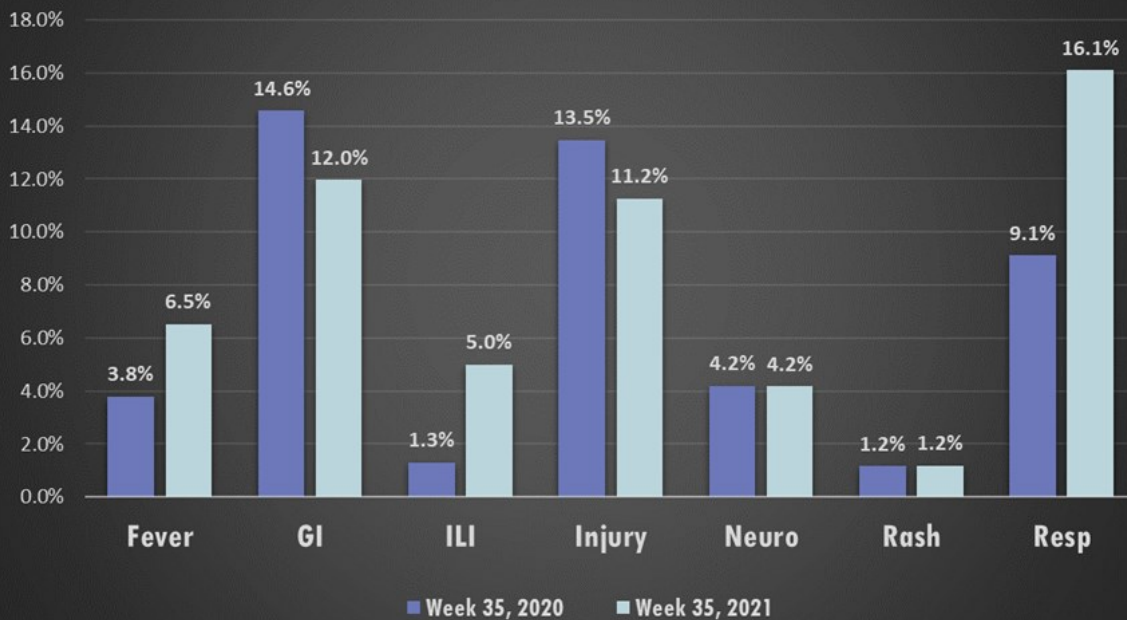
**Figure 6:** Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=126). Data source: ESSENCE



# Syndromic Surveillance

Week 35: August 29 - September 4

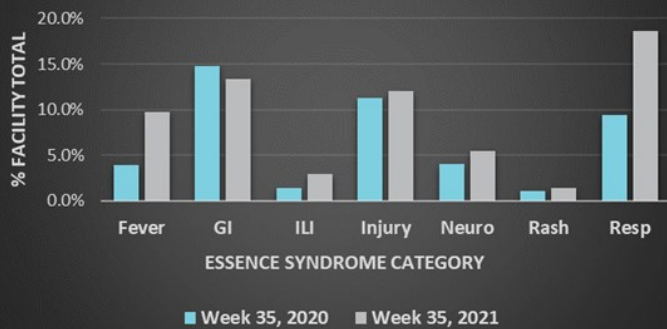
## Total ED Visits by Syndrome



**Figure 7:** Hospital Emergency Department (ED) visits from 2021 Week 35 by select syndrome category. Percentages calculated based on total number of ED visits (n=2517). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

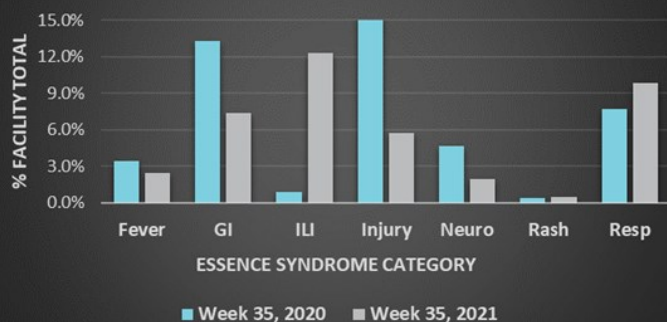
## Fort Walton Beach Medical Center ED Presentations



## Week 35—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	39
5-19	RESP	29
20-34	GI, RESP	41, 41
35-54	RESP	67
55-74	RESP	30
75+	INJURY	20

## North Okaloosa Medical Center ED Presentations



## Week 35—North Okaloosa Medical Center

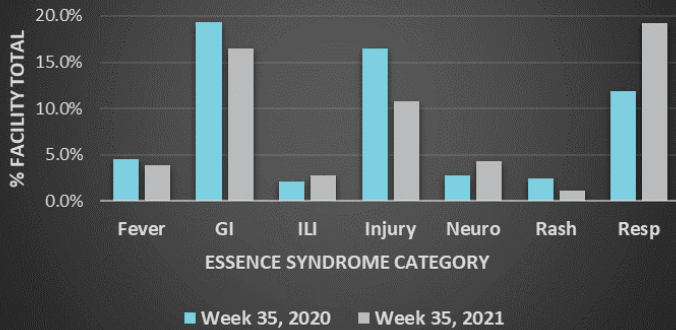
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	11
5-19	ILI	18
20-34	ILI	17
35-54	ILI	18
55-74	RESP	20
75+	RESP	11



# Syndromic Surveillance

Week 35: August 29 - September 4

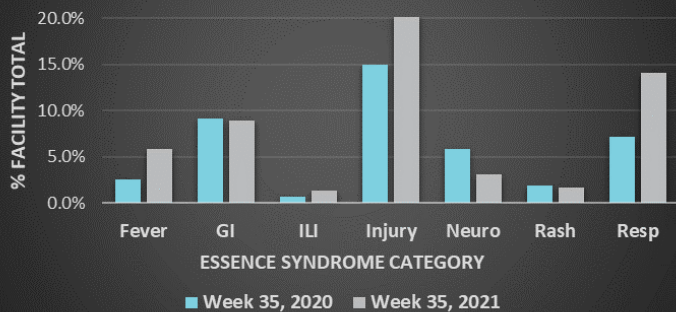
## Twin Cities Hospital ED Presentations



## Week 35—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	8
5-19	GI	12
20-34	GI	16
35-54	RESP	25
55-74	GI	18
75+	INJURY	11

## DestinER ED Presentations



## Week 35—DestinER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER, RESP	8, 8
5-19	INJURY, RESP	12, 12
20-34	INJURY	15
35-54	INJURY	14
55-74	INJURY	13
75+	GI	4

## Week 35—Okaloosa County

Age Group	Top Syndrome
0-4	RESP
5-19	RESP
20-34	GI
35-54	RESP
55-74	RESP
75+	INJURY

Data Source: ESSENCE

